

TECHNICAL DATA SHEET

Polymer Processing Aid MFQ-PA301



Product Description

- MFQ-PA301 is a high performance polymer processing aid designed to improve processing and final product quality.
- MFQ-PA301 is ideal for use at very low levels in low melt index blown film application.
- It can also be used in all extrusion process for producing film, pipe, sheet, and container by polyolefin resins.

MFQ-PA301 is mostly recommended in the following cases:

- To protect PE chains from breakage, especially when processing at high shear. This is to prevent decreasing in mechanical properties.
- To minimize the metal to polymer adhesion inside the extruder, resulting in higher output and/or lower power consumption.
- To prevent melt fracture, inhibit die deposits and improve optical properties.
- To increase screw lifetime specially when using abrasive material (TiO₂, Silica...).
- To increase polymer melt stability and product uniformity.
- To remove sharkskin & melt fraction

General Properties

| | |
|-------|-------------------|
| Forms | • Granule/Pellets |
| Color | • Natural |

Technical Specifications

| | |
|--------------------|-------|
| Carrier Resin | • PE |
| Thermal Stabilizer | • Yes |

ATTENTION

- **Dosage:** First 10 to 30 minutes add 4% allowing machine conditioning, then 0.5 to 2% depending on the final application.
- **Lifetime and Storage:** Not to exceed 12 months. Keep in cool and dry place under shelter for long periods.

* This product packed in PP Woven bag of 25 kg each.

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